

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/052064

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04L12/413 G06K7/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 968 154 A (CHO ET AL) 19 October 1999 (1999-10-19) figures 1-4,15,18 column 2, lines 14-24,65-67 column 3, lines 1,2,38-50 column 4, lines 3-10 column 7, lines 23-32 column 10, lines 54-60 column 14, lines 60-66 column 16, lines 1-4,29-35,47-67 column 17, lines 1-22 column 18, lines 19-32 ----- -/--	1-18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
11 April 2005	19/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 6818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer  Mircescu, A

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/052064

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/181204 A1 (BENVENISTE MATHILDE) 25 September 2003 (2003-09-25) figures 1,10 page 1, paragraph 15 page 2, paragraph 24 page 3, paragraph 35 page 4, paragraph 46 page 5, paragraph 47 -----	1-18
A	US 2003/188003 A1 (SYLVEST MIKAEL ET AL) 2 October 2003 (2003-10-02) figures 1-5 page 1, paragraph 7 page 2, paragraph 17-19 page 3, paragraph 29 page 5, paragraph 40 -----	1-18

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No	
PCT/IB2004/052064	

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5968154	A	19-10-1999	AU DE EP JP WO KR	5845896 A 69632289 D1 0756402 A1 9259078 A 9637849 A1 242610 B1		11-12-1996 03-06-2004 29-01-1997 03-10-1997 28-11-1996 01-02-2000
US 2003181204	A1	25-09-2003	WO WO WO WO WO WO US US US US US US	03041346 A1 03041428 A1 03041427 A1 03041343 A2 03043357 A1 03039054 A2 2003156553 A1 2004095911 A1 2003174664 A1 2003174690 A1 2003174665 A1 2003086437 A1		15-05-2003 15-05-2003 15-05-2003 15-05-2003 22-05-2003 08-05-2003 21-08-2003 20-05-2004 18-09-2003 18-09-2003 18-09-2003 08-05-2003
US 2003188003	A1	02-10-2003		NONE		